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[PUBLIC—No. 293—63D CONGRESS.]

[H. R. 20415.]

An Act Making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, nineteen hundred and sixteen.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, out of any money in the Treasury of the United States not otherwise appropriated, in full compensation for the fiscal year ending June thirtieth, nineteen hundred and sixteen, for the purposes and objects hereinafter expressed, namely:

DEPARTMENT OF AGRICULTURE.

SALARIES, OFFICE OF THE SECRETARY OF AGRICULTURE: Secretary of Agriculture, \$12,000; Assistant Secretary of Agriculture, \$5,000; Solicitor, \$5,000; chief clerk, \$3,000, and \$500 additional as custodian of buildings; private secretary to the Secretary of Agriculture, \$2,500; stenographer and executive clerk to the Secretary of Agriculture, \$2,250; one appointment clerk, \$2,000; one chief, supply division, \$2,000; one inspector, \$2,750; one law clerk, \$3,250; one law clerk, \$3,000; three law clerks, at \$2,500 each; nine law clerks, at \$2,250 each; one law clerk, \$2,200; six law clerks, at \$2,000 each; three law clerks, at \$1,800 each; three law clerks, at \$1,600 each; one expert on exhibits, \$3,000; one telegraph and telephone operator, \$1,600; one assistant chief clerk and captain of the watch, \$1,800; three clerks, class four; ten clerks, class three; thirteen clerks, class two; twenty-one clerks, class one; one auditor, \$2,000; one accountant and bookkeeper, \$2,000; seven clerks, at \$1,000 each; eight clerks, at \$900 each; one clerk, \$840; fifteen messengers or laborers, at \$840 each; eleven assistant messengers or laborers, at \$720 each; one chief engineer, \$2,000; one assistant chief engineer, \$1,400; one assistant engineer, \$1,200; two assistant engineers, at \$1,000 each; eight firemen, at \$720 each; ten elevator conductors, at \$720 each; one construction inspector, \$1,400; one superintendent of shops, \$1,400; one cabinet-shop foreman, \$1,200; four cabinetmakers or carpenters, at \$1,200 each; two cabinetmakers or carpenters, at \$1,100 each; nine cabinetmakers or carpenters, at \$1,020 each; three cabinetmakers or carpenters, at \$900 each; one electrician, \$1,100; one electrical wireman, \$1,000; one electrical wireman, \$900; three electrician's helpers, at \$720 each; two painters, at \$1,000 each; four painters, at \$900 each; five plumbers or steam fitters, at \$1,020 each; one plumber's helper, \$840; two plumber's helpers, at \$720 each; one blacksmith, \$900; one lieutenant of the watch, \$1,000; two lieutenants of the watch, at \$960 each; forty-four watchmen, at \$720 each; five mechanics, at \$1,200 each; two skilled laborers, at \$960 each; one janitor, \$900; twenty-two assistant messengers, messenger boys, or laborers, at \$600 each; one carriage driver, \$600; twenty-one laborers or messenger boys, at \$480 each; one charwoman, \$540; two charwomen, at \$480 each; fifteen charwomen, at \$240 each;

for extra labor and emergency employments, \$12,000; in all, \$352,040.

SALARIES, OFFICE OF FARM MANAGEMENT: Two clerks, class three; one clerk, class two; six clerks, class one; one clerk, or photographer, \$1,020; five clerks, at \$1,000 each; six clerks, at \$900 each; three clerks, at \$840 each; four clerks, or map tracers, at \$720 each; one messenger or laborer, \$720; one messenger, messenger boy, or laborer, \$660; three messengers, messenger boys, or laborers, at \$480 each; one messenger boy, \$360; one messenger boy, \$300; four charwomen, at \$240 each; one photographer, \$1,400; one photographer or clerk, \$900; one map tracer, \$720; in all, \$36,080.

GENERAL EXPENSES, OFFICE OF FARM MANAGEMENT: For the employment of persons in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in carrying out the work herein authorized, as follows:

To investigate and encourage the adoption of improved methods of farm management and farm practice, \$230,000;

For studying methods of clearing off "logged off" lands with a view to their utilization for agricultural and dairying purposes; for their irrigation; for testing powders in clearing them; and for the utilization of by-products arising in the process of clearing; in cooperation with the States, companies, or individuals, or otherwise, \$5,000;

In all, for general expenses, \$235,000.

Total for Office of the Secretary of Agriculture, \$623,120.

WEATHER BUREAU.

SALARIES, WEATHER BUREAU: One chief of bureau, \$5,000; one assistant chief of bureau, \$3,250; one chief clerk, \$2,500; one chief of division of stations and accounts, \$2,750; one chief of printing division, \$2,500; three chiefs of division, at \$2,000 each; eight clerks, class four; eleven clerks, class three; twenty-three clerks, class two; thirty clerks, class one; twenty-two clerks, at \$1,000 each; ten clerks, at \$900 each; one telegraph operator, \$1,200; one assistant foreman of division, \$1,600; one chief compositor, \$1,400; one lithographer, \$1,500; two lithographers, at \$1,200 each; one pressman, \$1,200; five compositors, at \$1,250 each; fourteen printers, at \$1,200 each; eleven printers, at \$1,000 each; four folders and feeders, at \$720 each; one chief instrument maker, \$1,400; three instrument makers, at \$1,200 each; two skilled mechanics, at \$1,200 each; seven skilled mechanics, at \$1,000 each; one skilled mechanic, \$840; one skilled mechanic, \$720; six skilled artisans, at \$840 each; one engineer, \$1,300; one fireman and steam fitter, \$840; four firemen, at \$720 each; one captain of the watch, \$1,000; one electrician, \$1,200; one gardener, \$1,000; four repairmen, at \$840 each; six repairmen, at \$720 each; four watchmen, at \$720 each; seventeen messengers, messenger boys, or laborers, at \$720 each; six messengers, messenger boys, or laborers, at \$660 each; thirty-one messengers, messenger boys, or laborers, at 600 each; eighty-eight messengers, messenger boys, or laborers, at \$480 each; five messengers, messenger boys, or laborers, at \$450 each; thirty-seven messenger boys, at \$360 each; one charwoman, \$360; three charwomen, at \$240 each; in all, \$332,900.

GENERAL EXPENSES, WEATHER BUREAU: For carrying into effect in the District of Columbia and elsewhere in the United States, in the

West Indies, and on adjacent coasts, in the Hawaiian Islands, in Bermuda, and in Alaska, the provisions of an Act approved October first, eighteen hundred and ninety, so far as they relate to the weather service transferred thereby to the Department of Agriculture; for the employment of professors of meteorology, district forecasters, local forecasters, meteorologists, section directors, observers, apprentices, operators, skilled mechanics, instrument makers, foremen, assistant foremen, proof readers, compositors, pressmen, lithographers, folders and feeders, repair men, station agents, messengers, messenger boys, laborers, special observers, display men, and other necessary employees; for fuel, gas, electricity, freight and express charges, furniture, stationery, ice, dry goods, twine, mats, oils, paints, glass, lumber, hardware, and washing towels; for advertising; for subsistence and care of horses and vehicles, the purchase and repair of harness, for official purposes only; for instruments, shelters, apparatus, storm-warning towers and repairs thereto; for rent of offices; for repairs and improvements to existing buildings and care and preservation of grounds, including the construction of necessary outbuildings and sidewalks on public streets abutting Weather Bureau grounds; and the erection of temporary buildings for living quarters of observers; for official traveling expenses; for telephone rentals and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreements with the companies performing the service; for the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines; and for every other expenditure required for the establishment, equipment, and maintenance of meteorological offices and stations and for the issuing of weather forecasts and warnings of storms, cold waves, frosts, and heavy snows, the gauging and measuring of the flow of rivers and the issuing of river forecasts and warnings; for observations and reports relating to crops and for other necessary observations and reports, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows:

For necessary expenses in the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, evaporation, and aerology, \$110,000;

For the maintenance of a printing office in the city of Washington for the printing of weather maps, bulletins, circulars, forms, and other publications, including the pay of additional employees, when necessary, \$14,000: *Provided*, That no printing shall be done by the Weather Bureau that, in the judgment of the Secretary of Agriculture, can be done at the Government Printing Office without impairing the service of said bureau;

For necessary expenses outside of the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, evaporation, and aerology, \$1,185,150, including not to exceed \$599,660 for salaries, \$122,170 for special observations and reports, and \$279,000 for telegraphing and telephoning;

For official traveling expenses, \$24,000;

In all, for general expenses, \$1,333,150.

Total for the Weather Bureau, \$1,666,050.

BUREAU OF ANIMAL INDUSTRY.

SALARIES, BUREAU OF ANIMAL INDUSTRY: One chief of bureau, \$5,000; one chief clerk, \$2,500; one editor and compiler, \$2,250; six clerks, class four; one clerk, \$1,680; thirteen clerks, class three; two clerks, at \$1,500 each; twenty-three clerks, class two; two clerks, at \$1,380 each; three clerks, at \$1,320 each; one clerk, \$1,300; one clerk, \$1,260; forty-two clerks, class one; one clerk, \$1,100; one clerk, \$1,080; fifty clerks, at \$1,000 each; two clerks, at \$960 each; sixty-five clerks, at \$900 each; one architect, \$2,000; one architect, \$900; one illustrator, \$1,400; one laboratory helper, \$1,200; one laboratory helper, \$1,020; two laboratory helpers, at \$840 each; one laboratory helper, \$720; one laboratory helper, \$600; one laboratory helper, \$480; one instrument maker, \$1,200; one carpenter, \$1,100; two carpenters, at \$1,000 each; two messengers and custodians, \$1,200 each; one skilled laborer, \$1,000; thirty-two skilled laborers, at \$900 each; eleven messengers, skilled laborers, or laborers, at \$840 each; thirteen messengers, skilled laborers, or laborers, at \$720 each; four laborers, messengers, or messenger boys, at \$660 each; eleven laborers, messengers, or messenger boys, at \$600 each; three laborers, messengers, or messenger boys, at \$540 each; thirty-three laborers, messengers, or messenger boys, at \$480 each; six laborers, messengers, or messenger boys, at \$360 each; one watchman, \$720; one charwoman, \$600; one charwoman, \$540; eleven charwomen, at \$480 each; four charwomen, at \$360 each; one charwoman, \$300; two charwomen, at \$240 each; in all, \$353,630.

GENERAL EXPENSES, BUREAU OF ANIMAL INDUSTRY: For carrying out the provisions of the Act approved May twenty-ninth, eighteen hundred and eighty-four, establishing a Bureau of Animal Industry, and the provisions of the Act approved March third, eighteen hundred and ninety-one, providing for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes; the Act approved August thirtieth, eighteen hundred and ninety, providing for the importation of animals into the United States, and for other purposes; and the provisions of the Act of May ninth, nineteen hundred and two, extending the inspection of meats to process butter, and providing for the inspection of factories, marking of packages, and so forth; and the provisions of the Act approved February second, nineteen hundred and three, to enable the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of live stock, and for other purposes; and also the provisions of the Act approved March third, nineteen hundred and five, to enable the Secretary of Agriculture to establish and maintain quarantine districts, to permit and regulate the movement of cattle and other live stock therefrom, and for other purposes; and for carrying out the provisions of the Act of June twenty-ninth, nineteen hundred and six, entitled "An Act to prevent cruelty to animals while in transit by railroad or other means of transportation;" and for carrying out the provisions of the act approved March fourth, nineteen hundred and thirteen, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous products manufactured in the United States, and the importation of such products intended for use in the

treatment of domestic animals; and to enable the Secretary of Agriculture to collect and disseminate information concerning live-stock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin, serums, antitoxins, or analogous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same, and to disseminate the results of said tests in such manner as he may deem best; to purchase and destroy diseased or exposed animals or quarantine the same whenever in his judgment essential to prevent the spread of pleuropneumonia, tuberculosis, or other diseases of animals from one State to another, as follows:

For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of live stock and the inspection of vessels, the execution of the twenty-eight-hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and the alteration of buildings thereon; the inspection work relative to the existence of contagious diseases, and the tuberculin and mallein testing of animals, \$607,780;

For all necessary expenses for the eradication of southern cattle ticks, \$438,800, of which sum \$50,000 may be used for live stock demonstration work, in cooperation with the States Relations Service, in areas freed of ticks, and of this amount no part shall be used in the purchase of animals for breeding purposes: *Provided, however,* That no part of this appropriation shall be used in the purchase of materials for or in the construction of dipping vats upon land not owned solely by the United States, except at fairs or expositions where the Department of Agriculture makes exhibits or demonstrations; nor shall any part of this appropriation be used in the purchase of materials or mixtures for use in dipping vats except in experimental or demonstration work carried on by the officials or agents of the Bureau of Animal Industry;

For all necessary expenses for investigations and experiments in dairy industry, cooperative investigations of the dairy industry in the various States, inspection of renovated-butter factories and markets, \$254,090;

For all necessary expenses for investigations and experiments in animal husbandry; for experiments in animal feeding and breeding, including cooperation with the State agricultural experiment stations, including repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, \$189,060: *Provided,* That of the sum thus appropriated \$25,000 may be used for experiments in the breeding and maintenance of horses for military purposes: *Provided further,* That of the sum thus appropriated \$34,500 may be used for experiments in poultry feeding and breeding, including the feeding and breeding of ostriches and investigations and experiments in the study of the ostrich industry;

For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the bureau experiment station at Bethesda, Maryland, and the necessary alterations of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products, \$85,940;

For construction of buildings at bureau experiment station at Bethesda, Maryland, and bureau experiment farm at Beltsville, Maryland, \$6,750;

For all necessary expenses for the investigation, treatment, and eradication of hog cholera and dourine, \$235,000: *Provided*, That of said sum not less than \$50,000 shall be available for expenditure in carrying out the provisions of the Act approved March fourth, nineteen hundred and thirteen, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous product manufactured in the United States and the importation of such products intended for use in the treatment of domestic animals: *And provided further*, That not more than \$75,000 of said sum shall be used for the investigation, treatment, and eradication of the disease known as dourine, and of which sum of \$75,000 which is hereby appropriated for the investigation, treatment, and eradication of dourine, \$25,000 shall be immediately available;

For general administrative work, including traveling expenses and salaries of employees engaged in such work, rent outside of the District of Columbia, office fixtures and supplies, express, freight, telegraph, telephone, and other necessary expenses, \$39,286;

In all, for general expenses, \$1,856,706.

MEAT INSPECTION, BUREAU OF ANIMAL INDUSTRY: For additional expenses in carrying out the provisions of the meat-inspection Act of June thirtieth, nineteen hundred and six (Thirty-fourth Statutes at Large, page six hundred and seventy-four), there is hereby appropriated for the fiscal year ending June thirtieth, nineteen hundred and sixteen, the sum of \$375,000.

Total for Bureau of Animal Industry, \$2,585,336.

BUREAU OF PLANT INDUSTRY.

SALARIES, BUREAU OF PLANT INDUSTRY: One physiologist and pathologist, who shall be chief of bureau, \$5,000; one chief clerk, \$3,000; one executive assistant in seed distribution, \$2,500; one officer in charge of publications, \$2,250; one landscape gardener, \$1,800; one officer in charge of records, \$2,250; one superintendent of seed weighing and mailing, \$2,000; one executive clerk, \$2,250; three executive clerks, at \$1,980 each; one assistant superintendent of seed warehouse, \$1,400; one seed inspector, \$1,000; one seed warehouseman, \$1,400; one seed warehouseman, \$1,020; one seed warehouseman, \$1,000; one seed warehouseman, \$840; six clerks, class four; twelve clerks, class three; two clerks, at \$1,500 each; twenty-one clerks, class two; forty-seven clerks, class one; one clerk or draftsman, \$1,200; one clerk, \$1,080; eight clerks, at \$1,020 each; twenty-three clerks, at \$1,000 each; forty-five clerks, at \$900 each; one clerk or draftsman, \$900; twenty-one clerks, at \$840 each; two clerks, at \$720 each; one laborer, \$780; forty-two messengers or laborers, at \$720 each; eleven messengers, messenger boys, or laborers,

at \$660 each; twenty-six messengers, messenger boys, or laborers, at \$600 each; one artist, \$1,620; two clerks or artists, at \$1,200 each; one photographer, \$1,200; one photographer, \$840; one laboratory aid, \$1,440; one laboratory aid, \$1,380; three laboratory aids or clerks, at \$1,200 each; one laboratory aid or clerk, \$1,080; two laboratory aids or clerks, at \$1,020 each; one laboratory aid, \$900; five laboratory aids, at \$840 each; seven laboratory aids, at \$720 each; four laboratory aids, at \$600 each; one laboratory apprentice, \$720; one map tracer, \$600; two gardeners, at \$1,440 each; four gardeners, at \$1,200 each; eight gardeners, at \$1,100 each; fifteen gardeners, at \$900 each; nineteen gardeners, at \$780 each; two skilled laborers, at \$960 each; two skilled laborers, at \$900 each; three skilled laborers, at \$840 each; one assistant in technology, \$1,400; one assistant in technology, \$1,380; one mechanical assistant, \$1,200; one blacksmith, \$900; one carpenter, \$900; one painter, \$900; one teamster, \$840; one teamster, \$600; twenty-one laborers, at \$540 each; twenty-four laborers, messengers, or messenger boys, at \$480 each; three laborers or charwomen, at \$480 each; two laborers or charwomen, at \$360 each; three laborers or messenger boys, at \$420 each; sixteen charwomen, at \$240 each; eleven messenger boys, at \$360 each; four messenger boys, at \$300 each; in all, \$424,150.

GENERAL EXPENSES, BUREAU OF PLANT INDUSTRY: For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers, and for the erection of necessary farm buildings: *Provided*, That the cost of any building erected shall not exceed \$1,500; for field and station expenses, including fences, drains, and other farm improvements; for repairs in the District of Columbia and elsewhere; for rent outside of the District of Columbia; and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and demonstrations herein authorized, as follows:

For investigations of plant diseases and pathological collections, \$34,500;

For the control of diseases of orchard and other fruits, \$56,115;

For the investigation of diseases of forest and ornamental trees and shrubs, including a study of the nature and habits of the parasitic fungi causing the chestnut-tree bark disease, the white-pine blister rust, and other epidemic tree diseases, for the purpose of discovering new methods of control, \$57,175;

For the control of diseases of cotton, potatoes, truck crops, forage crops, drug and related plants, \$56,000;

For investigating the physiology of crop plants and for testing and breeding varieties thereof, \$44,540;

For soil-bacteriology and plant-nutrition investigations, including the testing of samples, procured in the open market, of cultures for inoculating legumes, and if any such samples are found to be impure, nonviable, or misbranded, the results of the tests may be published, together with the names of the manufacturers and of the persons by whom the cultures were offered for sale, \$42,000;

For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms, \$32,700;

For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton by cultural methods, breeding, and selection, \$37,580;

For the investigation, testing, and improvement of plants yielding drugs, spices, poisons, oils, and related products and by-products, and for general physiological and fermentation investigations, \$48,820;

For crop technological and fiber plant investigations, \$19,770;

For investigating the handling, grading, and transportation of grain, and the fixing of definite grades thereof, \$72,920;

For biophysical investigations in connection with the various lines of work herein authorized, \$25,000;

For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa, and lawn-grass seeds secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale, \$28,700;

For the investigation and improvement of cereals and methods of cereal production, and the study of cereal diseases, and for the investigation of the cultivation and breeding of flax for seed purposes, including a study of flax diseases, and for the investigation and improvement of broom corn and methods of broom-corn production, \$142,005: *Provided*, That not less than \$40,000 shall be set aside for the study of corn improvement and methods of corn production;

For the investigation and improvement of tobacco and the methods of tobacco production and handling, \$25,000;

For testing and breeding fibrous plants, including the testing of flax straw, in cooperation with the North Dakota Agricultural College, which may be used for paper making, \$10,840: *Provided*, That \$5,000 of this amount may be used in testing and breeding flax, with a view to increasing the quality and oil content of flax-seed, including rotation experiments and demonstrations;

For the breeding and physiological study of alkali-resistant and drought-resistant crops, \$22,280;

For sugar-beet investigations, including studies of diseases and the improvement of the beet and methods of culture, and to determine for each sugar-beet area the agricultural operations required to insure a stable agriculture, \$41,495: *Provided*, That of this sum \$10,000 may be used for investigations in connection with the production of table sirup, including the breeding, culture, and diseases of cane, and the methods of manufacture, standardization, and marketing of sirup, and the utilization of cane by-products;

For investigations in economic and systematic botany and the improvement and utilization of wild plants and grazing lands, \$24,000;

For the investigation and improvement of methods of crop production under subhumid, semiarid, or dry-land conditions, \$160,000:

Provided, That the limitation in this Act as to the cost of farm buildings shall not apply to this paragraph;

For investigations in connection with western irrigation agriculture, the utilization of lands reclaimed under the reclamation Act, and other areas in the arid and semiarid regions, \$70,380;

For the investigation and improvement of fruits, and the methods of fruit growing, harvesting, packing, storing, handling, and shipping, and for experimental shipments of fruits within the United States and to foreign countries, \$105,060;

To cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and plant and fruit propagating houses, \$11,690;

For horticultural investigations, including the study of producing, handling, and shipping truck and related crops, including potatoes, and the study of landscape and vegetable gardening, floriculture, and related subjects, \$56,080;

For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the Act of Congress approved April eighteenth, nineteen hundred, \$15,000;

For investigations in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries and from our possessions, and for experiments with reference to their introduction and cultivation in this country, \$70,400;

For the purchase, propagation, testing, and distribution of new and rare seeds; for the investigation and improvement of grasses, alfalfa, clover, and other forage crops, including the investigation of the utilization of cacti and other dry-land plants; and to conduct investigations to determine the most effective methods of eradicating weeds, \$119,920: *Provided*, That of this amount not to exceed \$60,000 may be used for the purchase and distribution of drought-resistant field seeds throughout the Great Plains area and other dry-land sections of the United States;

For general administrative expenses connected with the above-mentioned lines of investigation, including the office of the chief of bureau, the assistant chief of bureau, the chief clerk, the officers in charge of publications, records, supplies, and property, and for miscellaneous expenses incident thereto, \$32,490;

In all, for general expenses, \$1,462,460.

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS: For purchase, propagation, testing, and congressional distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, postal cards, gas, electric current, rent outside of the District of Columbia, official traveling expenses, and all necessary material and repairs for putting up and distributing the same; for repairs and the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, \$252,540. And the Secretary of Agriculture is hereby directed to expend the said sum, as nearly as practicable, in the purchase, testing, and distribution of such valuable seeds, bulbs, shrubs, vines, cuttings, and plants,

the best he can obtain at public or private sale, and such as shall be suitable for the respective localities to which the same are to be apportioned, and in which same are to be distributed as hereinafter stated, and such seeds so purchased shall include a variety of vegetable and flower seeds suitable for planting and culture in the various sections of the United States: *Provided*, That the Secretary of Agriculture, after due advertisement and on competitive bids, is authorized to award the contract for the supplying of printed packets and envelopes and the packeting, assembling, and mailing of the seeds, bulbs, shrubs, vines, cuttings, and plants, or any part thereof, for a period of not more than five years nor less than one year, if by such action he can best protect the interests of the United States. An equal proportion of five-sixths of all seeds, bulbs, shrubs, vines, cuttings, and plants shall, upon their request, after due notification by the Secretary of Agriculture that the allotment to their respective districts is ready for distribution, be supplied to Senators, Representatives, and Delegates in Congress for distribution among their constituents, or mailed by the department upon the receipt of their addressed franks, in packages of such weight as the Secretary of Agriculture and the Postmaster General may jointly determine: *Provided, however*, That upon each envelope or wrapper containing packages of seeds the contents thereof shall be plainly indicated, and the Secretary shall not distribute to any Senator, Representative, or Delegate seeds entirely unfit for the climate and locality he represents, but shall distribute the same so that each Member may have seeds of equal value, as near as may be, and the best adapted to the locality he represents: *Provided, also*, That the seeds allotted to Senators and Representatives for distribution in the districts embraced within the twenty-fifth and thirty-fourth parallels of latitude shall be ready for delivery not later than the tenth day of January: *Provided, also*, That any portion of the allotments to Senators, Representatives, and Delegates in Congress remaining uncalled for on the first day of April shall be distributed by the Secretary of Agriculture, giving preference to those persons whose names and addresses have been furnished by Senators and Representatives in Congress and who have not before during the same season been supplied by the department: *And provided, also*, That the Secretary shall report, as provided in this Act, the place, quantity, and price of seeds purchased, and the date of purchase; but nothing in this paragraph shall be construed to prevent the Secretary of Agriculture from sending seeds to those who apply for the same. And the amount herein appropriated shall not be diverted or used for any other purpose but for the purchase, testing, propagation, and distribution of valuable seeds, bulbs, mulberry and other rare and valuable trees, shrubs, vines, cuttings, and plants.

Total for Bureau of Plant Industry, \$2,139,150.

FOREST SERVICE.

SALARIES, FOREST SERVICE: One forester, who shall be chief of bureau, \$5,000; one chief of office of accounts and fiscal agent, \$2,500; seven district fiscal agents, at \$2,000 each; one forest supervisor, \$2,700; one forest supervisor, \$2,600; eight forest supervisors, at \$2,400 each; twenty forest supervisors, at \$2,200 each; forty-eight

forest supervisors, at \$2,000 each; sixty-six forest supervisors, at \$1,800 each; five forest supervisors, at \$1,600 each; one deputy forest supervisor, \$1,800; four deputy forest supervisors, at \$1,700 each; twenty-eight deputy forest supervisors, at \$1,600 each; thirty-one deputy forest supervisors, at \$1,500 each; eighteen deputy forest supervisors, at \$1,400 each; ten forest rangers, at \$1,500 each; twenty-two forest rangers, at \$1,400 each; seventy-eight forest rangers, at \$1,300 each; two hundred and eighty-seven forest rangers, at \$1,200 each; six hundred and fifty assistant forest rangers, at \$1,100 each; eighty forest guards, at \$1,100 each, for periods not exceeding six months in the aggregate; one clerk, \$2,100; four clerks, at \$2,000 each; nineteen clerks, at \$1,800 each; twenty clerks, at \$1,600 each; nine clerks, at \$1,500 each; twenty-one clerks, at \$1,400 each; eight clerks, at \$1,300 each; one hundred and twelve clerks, at \$1,200 each; eighty-eight clerks, at \$1,100 each; fifty-one clerks, at \$1,020 each; thirty clerks, at \$960 each; one hundred and seven clerks, at \$900 each; two clerks, at \$840 each; one compiler, \$1,800; one draftsman, \$2,000; three draftsmen, at \$1,600 each; two draftsmen, at \$1,500 each; six draftsmen, at \$1,400 each; four draftsmen, at \$1,300 each; nine draftsmen, at \$1,200 each; two draftsmen, at \$1,100 each; three draftsmen, at \$1,020 each; one draftsman, \$960; four draftsmen, at \$900 each; one artist, \$1,400; one artist, \$1,000; three map colorists, at \$900 each; one map colorist, \$720; one photographer, \$1,600; one photographer, \$1,400; one photographer, \$1,200; one photographer, \$1,100; one lithographer, \$1,200; one lithographer's helper, \$780; one machinist, \$1,260; one carpenter, \$1,200; two carpenters, at \$1,000 each; one carpenter, \$960; one electrician, \$1,020; four laboratory aids and engineers, at \$900 each; one laboratory aid and engineer, \$800; one laboratory helper, \$720; one laboratory helper, \$600; one packer, \$1,000; one packer, \$780; four watchmen, at \$840 each; one messenger or laborer, \$960; three messengers or laborers, at \$900 each; four messengers or laborers, at \$840 each; three messengers or laborers, at \$780 each; four messengers or laborers, at \$720 each; six messengers or laborers, at \$660 each; five messengers, messenger boys, or laborers, at \$600 each; two messengers, messenger boys, or laborers, at \$540 each; three messengers, or messenger boys, at \$480 each; three messengers, or messenger boys, at \$420 each; twelve messengers, or messenger boys, at \$360 each; one charwoman, \$540; one charwoman, \$480; one charwoman, \$300; eleven charwomen, at \$240 each; in all, \$2,335,580.

GENERAL EXPENSES, FOREST SERVICE: To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: *Provided*, That the cost of any building erected shall not exceed \$650; to pay all expenses necessary to protect, administer, and improve the national forests; to ascertain the natural conditions upon and utilize the national forests; and the Secretary of Agriculture may, in his discre-

tion, permit timber and other forest products cut or removed from the national forests to be exported from the State or Territory in which said forests are respectively situated; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ agents, clerks, assistants, and other labor required in practical forestry and in the administration of national forests in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase necessary supplies, apparatus, and office fixtures, and technical books and technical journals for officers of the Forest Service stationed outside of Washington, and for medical supplies and services and other assistance necessary for immediate relief of artisans, laborers, and other employees engaged in any hazardous work under the Forest Service; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, washing towels, and official traveling and other necessary expenses, including traveling expenses for legal and fiscal officers while performing Forest Service work; and for rent outside of the District of Columbia, as follows:

For salaries and field and station expenses, including the maintenance of nurseries, collecting seed, and planting necessary for the use, maintenance, improvement, and protection of the national forests named below:

Absaroka National Forest, Montana, \$7,425;
 Alamo National Forest, New Mexico, \$3,578;
 Angeles National Forest, California, \$12,518;
 Apache National Forest, Arizona, \$9,967;
 Arapahoe National Forest, Colorado, \$6,693;
 Arkansas National Forest, Arkansas, \$11,930;
 Ashley National Forest, Utah and Wyoming, \$2,996;
 Battlement National Forest, Colorado, \$4,916;
 Beartooth National Forest, Montana, \$3,849;
 Beaverhead National Forest, Montana and Idaho, \$7,169;
 Bighorn National Forest, Wyoming, \$7,929;
 Bitterroot National Forest, Montana, \$12,919;
 Blackfeet National Forest, Montana, \$14,591;
 Black Hills National Forest, South Dakota, \$11,768;
 Boise National Forest, Idaho, \$6,676;
 Bonneville National Forest, Wyoming, \$6,755;
 Bridger National Forest, Wyoming, \$1,988;
 Cabinet National Forest, Montana, \$8,333;
 Cache National Forest, Utah and Idaho, \$4,267;
 California National Forest, California, \$18,114;
 Caribou National Forest, Idaho and Wyoming, \$4,020;
 Carson National Forest, New Mexico, \$7,228;
 Cascade National Forest, Oregon, \$9,968;
 Challis National Forest, Idaho, \$3,668;
 Chelan National Forest, Washington, \$6,260;
 Chiricahau National Forest, Arizona and New Mexico, \$3,085;
 Chugach National Forest, Alaska, \$9,418;
 Clearwater National Forest, Idaho, \$12,665;
 Cleveland National Forest, California, \$9,633;
 Cochetopa National Forest, Colorado, \$5,432;
 Coconino National Forest, Arizona, \$10,501;

Coeur d'Alene National Forest, Idaho, \$24,459;
Colorado National Forest, Colorado, \$5,102;
Columbia National Forest, Washington, \$8,758;
Colville National Forest, Washington, \$6,883;
Coronado National Forest, Arizona, \$5,905;
Crater National Forest, Oregon and California, \$15,610;
Crook National Forest, Arizona, \$4,726;
Custer National Forest, Montana, \$4,200;
Dakota National Forest, North Dakota, \$201;
Datil National Forest, New Mexico, \$10,179;
Deerlodge National Forest, Montana, \$12,591;
Deschutes National Forest, Oregon, \$8,809;
Dixie National Forest, Utah and Arizona, \$1,596;
Durango National Forest, Colorado, \$6,873;
Eldorado National Forest, California and Nevada, \$10,417;
Fillmore National Forest, Utah, \$3,374;
Fishlake National Forest, Utah, \$5,699;
Flathead National Forest, Montana, \$19,563;
Florida National Forest, Florida, \$4,927;
Fremont National Forest, Oregon, \$7,985;
Gallatin National Forest, Montana, \$5,694;
Gila National Forest, New Mexico, \$11,598;
Gunnison National Forest, Colorado, \$4,336;
Harney National Forest, South Dakota, \$7,810;
Hayden National Forest, Wyoming and Colorado, \$6,863;
Helena National Forest, Montana, \$4,012;
Holy Cross National Forest, Colorado, \$6,394;
Humboldt National Forest, Nevada, \$2,542;
Idaho National Forest, Idaho, \$6,379;
Inyo National Forest, California and Nevada, \$3,076;
Jefferson National Forest, Montana, \$9,481;
Kaibab National Forest, Arizona, \$2,889;
Kaniksi National Forest, Idaho and Washington, \$19,146;
Kansas National Forest, Kansas, \$1,432;
Klamath National Forest, California, \$20,981;
Kootenai National Forest, Montana, \$16,861;
La Sal National Forest, Utah and Colorado, \$3,348;
Lassen National Forest, California, \$12,629;
Leadville National Forest, Colorado, \$5,524;
Lemhi National Forest, Idaho, \$4,671;
Lewis and Clark National Forest, Montana, \$6,899;
Lincoln National Forest, New Mexico, \$3,845;
Lolo National Forest, Montana, \$17,822;
Luquillo National Forest, Porto Rico, \$2,500;
Madison National Forest, Montana, \$6,275;
Malheur National Forest, Oregon, \$7,591;
Manti National Forest, Utah, \$6,766;
Manzano National Forest, New Mexico, \$4,230;
Medicine Bow National Forest, Wyoming, \$4,314;
Michigan National Forest, Michigan, \$3,081;
Minam National Forest, Oregon, \$5,797;
Minnesota National Forest, Minnesota, \$4,859;
Minidoka National Forest, Idaho and Utah, \$3,384;
Missoula National Forest, Montana, \$9,482;

Modoc National Forest, California, \$7,388;
 Mono National Forest, Nevada and California, \$1,385;
 Monterey National Forest, California, \$2,251;
 Montezuma National Forest, Colorado, \$5,012;
 Nebraska National Forest, Nebraska, \$5,897; and to extend the work to the Niobrara division thereof, \$5,000: *Provided*, That from the nurseries on said forest the Secretary of Agriculture, under such rules and regulations as he may prescribe, may furnish young trees free, so far as they may be spared, to residents of the territory covered by "An Act increasing the area of homesteads in a portion of Nebraska," approved April twenty-eighth, nineteen hundred and four, \$10,897;

Nevada National Forest, Nevada, \$4,715;
 Nez Perce National Forest, Idaho, \$11,214;
 Ochoco National Forest, Oregon, \$6,706;
 Okanogan National Forest, Washington, \$9,994;
 Olympic National Forest, Washington, \$17,178;
 Oregon National Forest, Oregon, \$12,963;
 Ozark National Forest, Arkansas, \$9,030;
 Palisade National Forest, Idaho and Wyoming, \$5,472;
 Payette National Forest, Idaho, \$10,833;
 Pend Oreille National Forest, Idaho, \$14,459;
 Pike National Forest, Colorado, \$11,714;
 Plumas National Forest, California, \$18,107;
 Powell National Forest, Utah, \$1,854;
 Prescott National Forest, Arizona, \$5,758;
 Rainier National Forest, Washington, \$12,035;
 Rio Grande National Forest, Colorado, \$6,301;
 Routt National Forest, Colorado, \$7,687;
 Ruby National Forest, Nevada, \$2,951;
 Saint Joe National Forest, Idaho, \$18,876;
 Salmon National Forest, Idaho, \$5,694;
 San Isabel National Forest, Colorado, \$3,924;
 San Juan National Forest, Colorado, \$5,962;
 Santa Barbara National Forest, California, \$13,637;
 Santa Fe National Forest, New Mexico, \$12,757;
 Santa Rosa National Forest, Nevada, \$1,643;
 Santiam National Forest, Oregon, \$9,703;
 Sawtooth National Forest, Idaho, \$4,504;
 Selway National Forest, Idaho, \$12,659;
 Sequoia National Forest, California, \$21,710;
 Sevier National Forest, Utah, \$2,578;
 Shasta National Forest, California, \$17,425;
 Shoshone National Forest, Wyoming, \$4,200;
 Sierra National Forest, California, \$19,163;
 Sioux National Forest, South Dakota and Montana, \$3,773;
 Siskiyou National Forest, Oregon and California, \$11,268;
 Sitgreaves National Forest, Arizona, \$6,941;
 Siuslaw National Forest, Oregon, \$6,646;
 Snoqualmie National Forest, Washington, \$11,946;
 Sopris National Forest, Colorado, \$6,614;
 Stanislaus National Forest, California, \$17,822;
 Superior National Forest, Minnesota, \$7,122;
 Tahoe National Forest, California and Nevada, \$13,428;

Targhee National Forest, Idaho and Wyoming, \$5,956;
 Teton National Forest, Wyoming, \$4,033;
 Toiyabe National Forest, Nevada, \$5,354;
 Tongass National Forest, Alaska, \$11,629;
 Tonto National Forest, Arizona, \$4,772;
 Trinity National Forest, California, \$16,881;
 Tusayan National Forest, Arizona, \$9,865;
 Uinta National Forest, Utah, \$2,248;
 Umatilla National Forest, Oregon, \$5,162;
 Umpqua National Forest, Oregon, \$10,309;
 Uncompahgre National Forest, Colorado, \$6,690;
 Wallowa National Forest, Oregon, \$7,437;
 Wasatch National Forest, Utah, \$5,050;
 Washakie National Forest, Wyoming, \$2,096;
 Washington National Forest, Washington, \$7,909;
 Weiser National Forest, Idaho, \$8,526;
 Wenaha National Forest, Washington and Oregon, \$5,420;
 Wenatchee National Forest, Washington, \$8,800;
 White River National Forest, Colorado, \$7,172;
 Whitman National Forest, Oregon, \$8,749;
 Wichita National Forest, Oklahoma, \$1,966;
 Wyoming National Forest, Wyoming, \$7,170;

Additional national forests created or to be created under section eleven of the Act of March first, nineteen hundred and eleven (Thirty-sixth Statutes, page nine hundred and sixty-three), and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said Act, \$67,000;

For necessary miscellaneous expenses incident to the general administration of the Forest Service and of the national forests specified above:

In National Forest District One, \$64,100;
 In National Forest District Two, \$49,800;
 In National Forest District Three, \$56,400;
 In National Forest District Four, \$50,400;
 In National Forest District Five, \$72,500;
 In National Forest District Six, \$60,700;
 In National Forest District Seven, \$12,500;
 In the District of Columbia, \$131,970;

In all, for the use, maintenance, improvement, protection, and general administration of the specified national forests, \$1,811,148: *Provided*, That the foregoing amounts appropriated for such purposes shall be available interchangeably in the discretion of the Secretary of Agriculture for the necessary expenditures for fire protection and other unforeseen exigencies: *Provided further*, That the amounts so interchanged shall not exceed in the aggregate ten per centum of all the amounts so appropriated;

For the selection, classification, and segregation of lands within the boundaries of national forests that may be opened to homestead settlement and entry under the homestead laws applicable to the national forests, \$100,000;

For the survey and platting of certain lands, chiefly valuable for agriculture, now listed or to be listed within the national forests, under the act of June eleventh, nineteen hundred and six (Thirty-fourth Statutes, page two hundred and thirty-three), and the Act of

March third, eighteen hundred and ninety-nine (Thirtieth Statutes, page ten hundred and ninety-five), as provided by the Act of March fourth, nineteen hundred and thirteen, \$85,000: *Provided*, That any unexpended balance of an appropriation of \$85,000 to be expended "for the survey and platting of certain lands, chiefly valuable for agriculture," and so forth, provided by the Act of June thirtieth, nineteen hundred and fourteen, entitled "An Act making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, nineteen hundred and fifteen," be, and the same is hereby, continued and made available for and during the fiscal year ending June thirtieth, nineteen hundred and sixteen, for the purpose of this appropriation;

For fighting and preventing forest fires and for other unforeseen emergencies, \$150,000;

For the purchase and maintenance of necessary field, office, and laboratory supplies, instruments, and equipments, \$152,000;

For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing, and the testing of such woods as may require test to ascertain if they be suitable for making paper, for investigations and tests within the United States of foreign woods of commercial importance to industries in the United States, and for other investigations and experiments to promote economy in the use of forest products, \$140,000;

For experiments and investigations of range conditions within national forests or elsewhere on the public range, and of methods for improving the range by reseedling, regulation of grazing, and other means, \$30,000;

For the purchase of tree seed, cones, and nursery stock, for seeding and tree planting within national forests, and for experiments and investigations necessary for such seeding and tree planting, \$165,640;

For silvicultural, dendrological, and other experiments and investigations independently or in cooperation with other branches of the Federal Government, with States and with individuals, to determine the best methods for the conservative management of forests and forest lands, \$83,728;

For estimating and appraising timber and other resources on the national forests preliminary to disposal by sale or to the issue of occupancy permits, and for emergency expenses incident to their sale or use, \$60,000;

For other miscellaneous forest investigations, and for collating, digesting, recording, illustrating, and distributing the results of the experiments and investigations herein provided for, \$40,160;

For the construction and maintenance of roads, trails, bridges, fire lanes, telephone lines, cabins, fences, and other improvements necessary for the proper and economical administration, protection, and development of the national forests, \$400,000: *Provided*, That no part of the money herein appropriated shall be used to pay the transportation or traveling expenses of any forest officer or agent except he be traveling on business directly connected with the Forest Service and in furtherance of the works, aims, and objects specified and authorized in and by this appropriation: *And provided also*, That no part of this appropriation shall be paid or used for the purpose of paying for, in whole or in part, the preparation or publication of any newspaper or magazine article, but this shall not prevent the giving

out to all persons without discrimination, including newspaper and magazine writers and publishers, of any facts or official information of value to the public;

In all, for general expenses, \$3,217,676.

To enable the Secretary of Agriculture more effectively to carry out the provisions of the Act of March first, nineteen hundred and eleven (Thirty-sixth Statutes, page nine hundred and sixty-one), entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," \$15,000 of the moneys appropriated therein shall be available for the employment of agents, clerks, assistants, and other labor and for the purchase of supplies and equipment required for the purpose of said Act in the city of Washington.

That hereafter the Secretary of Agriculture, under regulations to be prescribed by him, is hereby authorized to permit the Navy Department to take from the national forests such earth, stone, and timber for the use of the Navy as may be compatible with the administration of the national forests for the purposes for which they are established, and also in the same manner to permit the taking of earth, stone, and timber from the national forests for the construction of Government railways and other Government works in Alaska: *Provided*, That the Secretary of Agriculture shall submit with his annual estimates a report of the quantity and market value of earth, stone, and timber furnished as herein provided.

Total for Forest Service, \$5,553,256.

That hereafter the Secretary of Agriculture may, upon such terms as he may deem proper, for periods not exceeding thirty years, permit responsible persons or associations to use and occupy suitable spaces or portions of ground in the national forests for the construction of summer homes, hotels, stores, or other structures needed for recreation or public convenience, not exceeding five acres to any one person or association, but this shall not be construed to interfere with the right to enter homesteads upon agricultural lands in national forests as now provided by law.

BUREAU OF CHEMISTRY.

SALARIES, BUREAU OF CHEMISTRY: One chemist, who shall be chief of bureau, \$5,000; one chief clerk, \$2,500; three executive clerks, at \$2,000 each; eight clerks, class four; eleven clerks, class three; one clerk, \$1,440; twelve clerks, class two; one clerk, \$1,300; twenty clerks, class one; thirteen clerks, at \$1,020 each; thirteen clerks, at \$1,000 each; one clerk, \$960; twenty-five clerks, at \$900 each; one clerk, \$840; one food and drug inspector, \$2,500; one food and drug inspector, \$2,250; thirteen food and drug inspectors, at \$2,000 each; thirteen food and drug inspectors, at \$1,800 each; one food and drug inspector, \$1,620; eleven food and drug inspectors, at \$1,600 each; four food and drug inspectors, at \$1,400 each; four laboratory helpers, at \$1,200 each; one laboratory helper, \$1,020; four laboratory helpers, at \$1,000 each; four laboratory helpers, at \$960 each; three laboratory helpers, at \$900 each; six laboratory helpers, at \$840 each; two

laboratory helpers, at \$780 each; twenty laboratory helpers, messenger boys, or laborers, at \$720 each; two laboratory helpers, messenger boys, or laborers, at \$660 each; twenty-eight laboratory helpers, messenger boys, or laborers, at \$600 each; one laboratory assistant, \$1,200; one toolmaker, \$1,200; one sampler, \$1,200; one janitor, \$1,020; two student assistants, at \$300 each; two messengers, at \$840 each; one skilled laborer, \$1,050; one skilled laborer, \$840; two messenger boys or laborers, at \$540 each; eight messenger boys or laborers, at \$480 each; three messenger boys or laborers, at \$420 each; one messenger boy or laborer, \$360; nine charwomen, at \$240 each; in all, \$291,540.

GENERAL EXPENSES, BUREAU OF CHEMISTRY: For all necessary expenses, for chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, for the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere, in conducting investigations, collecting, reporting, and illustrating the results of such investigations; and hereafter the Secretary of Agriculture may furnish, upon application, samples of pure sugars, naval stores, microscopical specimens, and other products to State and municipal officers, educational institutions, and other parties and charge for the same a price to cover the cost thereof, such price to be determined and established by the Secretary, and the money received from sales to be deposited in the Treasury of the United States as miscellaneous receipts; and for rent outside of the District of Columbia, for carrying out the investigations and work herein authorized, as follows:

For conducting the investigations contemplated by the Act of May fifteenth, eighteen hundred and sixty-two, relating to the application of chemistry to agriculture, \$42,400;

For collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work, \$14,000;

For investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said products are allowed to be sold therein: *Provided*, That hereafter no certificate of results of any such inspection shall issue unless the owner or his agent shall first pay to the Secretary of Agriculture, at a price to be determined and established by the Secretary, the actual cost of the inspection, the money received to be deposited in the Treasury of the United States as miscellaneous receipts; and for all necessary expenses in connection with such inspection and studies of methods of analysis in foreign countries, \$4,280;

For investigating the preparation for market, handling, grading, packing, freezing, drying, storing, transportation, and preservation of poultry and eggs, and for experimental shipments of poultry and eggs within the United States, in cooperation with the Office of Markets and Rural Organization and the Bureau of Animal Industry, \$40,000:

For investigating the handling, grading, packing, canning, freezing, storing, and transportation of fish, and for experimental shipments of fish, for the utilization of waste products, and the development of new sources of food, \$14,000;

For investigating the packing, handling, storing, and shipping of oysters and other shellfish in the United States and the waters bordering on the United States, \$5,000:

For the biological investigation of food and drug products and substances used in the manufacture thereof, including investigations of the physiological effects of such products on the human organism, \$10,000;

For the study and improvement of methods of utilizing by-products of citrus fruits, \$10,000;

In all, for general expenses, \$139,680.

ENFORCEMENT OF THE FOOD AND DRUGS ACT: For enabling the Secretary of Agriculture to carry into effect the provisions of the Act of June thirtieth, nineteen hundred and six, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks and other persons as may be considered necessary for the purposes named, and rent outside of the District of Columbia; and to cooperate with associations and scientific societies in the revision of the United States Pharmacopœia and development of methods of analysis, \$635,161.

Total for Bureau of Chemistry, \$1,066,381.

BUREAU OF SOILS.

SALARIES, BUREAU OF SOILS: One soil physicist, who shall be chief of bureau, \$4,000; one chief clerk, \$2,000; one executive assistant, \$2,000; four clerks, class four; two clerks, class three; five clerks, class two; one clerk, \$1,260; eight clerks, class one; five clerks, at \$1,000 each; three clerks, at \$900 each: one soil cartographer, \$1,800; one chief draftsman, \$1,600; one soil bibliographer or draftsman, \$1,400; one photographer, \$1,200; five draftsmen, at \$1,200 each; one clerk-draftsman, \$1,200; one draftsman, \$1,000; one messenger, \$840; three messengers, messenger boys, or laborers, at \$480 each; two laborers, at \$600 each; one laborer, \$300; one charwoman or laborer, \$480; in all, \$62,420.

GENERAL EXPENSES, BUREAU OF SOILS: For all necessary expenses connected with the investigations and experiments hereinafter authorized, including the employment of investigators, local and special agents, assistants, experts, clerks, draftsmen, and labor in the city of Washington and elsewhere; official traveling expenses, materials, tools, instruments, apparatus, repairs to apparatus, chemicals, furniture, office fixtures, stationery, gas, electric current, telegraph and telephone service, express and freight charges, rent outside of the District of Columbia, and for all other necessary supplies and expenses, as follows:

For chemical investigations of soil types, soil composition and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture, and soil productivity, including all routine chemical work in connection with the soil survey, \$22,350;

For physical investigations of the important properties of soil which determine productivity, such as moisture relations, aeration, heat conductivity, texture, and other physical investigations of the various soil classes and soil types, \$15,265;

For exploration and investigation within the United States to determine possible sources of supply of potash, nitrates, and other natural fertilizers, \$36,500;

For the investigation of soils, in cooperation with other branches of the Department of Agriculture, other departments of the Government, State agricultural experiment stations, and other State institutions, and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations, \$168,200;

For the examination and classification of agricultural lands in forest reserves, in cooperation with the Forest Service, \$20,000;

For general administrative expenses connected with the above-mentioned lines of investigation, \$3,200;

In all, for general expenses, \$265,515.

Total for Bureau of Soils, \$327,935.

BUREAU OF ENTOMOLOGY

SALARIES, BUREAU OF ENTOMOLOGY: One entomologist, who shall be chief of bureau, \$4,500; one chief clerk and executive assistant, \$2,250; one financial clerk, \$1,800; three clerks, class four; three clerks, class three; nine clerks, class two; seven clerks, class one; seven clerks, at \$1,000 each; two clerks, at \$900 each; two entomological draftsmen, at \$1,400 each; one entomological draftsman, \$1,080; four foremen, at \$1,080 each; two entomological preparators, at \$840 each; one entomological preparator, \$720; six entomological preparators, at \$600 each; one messenger, \$840; two messengers or laborers, at \$720 each; four messenger boys, at \$360 each; one mechanic, \$840; one laborer, \$540; three charwomen, at \$480 each; one charwoman, \$240; in all, \$69,530.

GENERAL EXPENSES, BUREAU OF ENTOMOLOGY: For the promotion of economic entomology; for investigating the history and the habits of insects injurious and beneficial to agriculture, horticulture, arboriculture, and the study of insects affecting the health of man and domestic animals, and ascertaining the best means of destroying those found to be injurious; for collating, digesting, reporting, and illustrating the results of such investigations; for salaries and the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, freight, express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations:

For investigations of insects affecting deciduous fruits, orchards, vineyards, and nuts, \$58,000;

For investigations of insects affecting cereal and forage crops, \$114,500;

For investigations of insects affecting southern field crops, including insects affecting cotton, tobacco, rice, sugar cane, and so forth, and the cigarette beetle and Argentine ant, \$59,000;

For investigations of insects affecting forests, \$54,790;

For investigations of insects affecting truck crops, including insects affecting the potato, sugar beet, cabbage, onion, tomato, beans, peas, and so forth, and insects affecting stored products, \$41,500;

For investigations in bee culture, \$15,000;

For investigations of insects affecting tropical and subtropical fruits, including insects affecting the orange, lemon, grapefruit, mango, and so forth, \$20,100;

For investigations of the Mediterranean fruit fly, \$33,200;

For investigations, identification, and systematic classification of miscellaneous insects, including the study of insects affecting the health of man and domestic animals, household insects, and the importation and exchange of useful insects, \$54,280;

In all, for general expenses, \$450,370.

PREVENTING SPREAD OF MOTHS, BUREAU OF ENTOMOLOGY: To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gypsy and brown-tail moths by conducting such experiments as may be necessary to determine the best methods of controlling these insects; by introducing and establishing the parasites and natural enemies of these insects and colonizing them within the infested territory; by establishing and maintaining a quarantine against further spread in such manner as he shall deem best, in cooperation with the authorities of the different States concerned and with the several State experiment stations, including rent outside of the District of Columbia, the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, \$310,000.

Total for Bureau of Entomology, \$829,900.

BUREAU OF BIOLOGICAL SURVEY.

SALARIES, BUREAU OF BIOLOGICAL SURVEY: One biologist, who shall be chief of bureau, \$3,500; one chief clerk and executive assistant, \$1,800; one administrative assistant, \$2,250; one financial clerk, \$1,600; two clerks, class three; three clerks, class two; five clerks, class one; three clerks, at \$1,000 each; two clerks, at \$900 each; one preparator, \$1,200; one messenger, \$720; one photographer, \$1,300; one game warden, \$1,200; one draftsman, \$900; two messengers, messenger boys, or laborers, at \$480 each; one laborer, \$600; one charwoman, \$240; in all, \$34,470.

GENERAL EXPENSES, BUREAU OF BIOLOGICAL SURVEY: For salaries and employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling, and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows:

For the enforcement of sections two hundred and forty-one, two hundred and forty-two, two hundred and forty-three, and two hundred and forty-four of the Act approved March fourth, nineteen hundred and nine, entitled "An Act to codify, revise, and amend the penal laws of the United States," and for the enforcement of section one of the Act approved May twenty-fifth, nineteen hundred, entitled

"An Act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes," including all necessary investigations in connection therewith, \$16,000;

For the maintenance of the Montana National Bison Range and other reservations and for the maintenance of game introduced into suitable localities on public lands, under supervision of the Biological Survey, including construction of fencing, wardens' quarters, shelters for animals, landings, roads, trails, bridges, ditches, telephone lines, rockwork, bulkheads, and other improvements necessary for the economical administration and protection of the reservations, and for the enforcement of section eighty-four of the Act approved March fourth, nineteen hundred and nine, entitled "An Act to codify, revise, and amend the penal laws of the United States," \$21,000, of which sum \$2,500 may be used for the purchase, capture, and transportation of game for national reservations;

For the improvement of the game preserve in Sullys Hill National Park, in the State of North Dakota, including the construction of all fences, sheds, buildings, corrals, roads, and other structures which may be necessary, in addition to the amount heretofore appropriated, \$5,000, the same to be available until expended;

For investigating the food habits of North American birds and mammals in relation to agriculture, horticulture, and forestry, including experiments and demonstrations in destroying wolves, coyotes, prairie dogs, and other animals injurious to agriculture and animal husbandry, and for investigations and experiments in connection with rearing of fur-bearing animals, including mink and marten, \$280,000: *Provided*, That of this sum \$15,000 shall be used for the destruction of ground squirrels on the national forests, and other public lands: *And provided further*, That of this sum not more than \$5,000 may be used in investigating the disease of wild ducks in the Salt Lake Valley region of Utah: *And provided also*, That of this sum not less than \$125,000 shall be used on the National forests and the public domain in destroying wolves, coyotes, and other animals injurious to agriculture and animal husbandry;

For biological investigations, including the relations, habits, geographic distribution, and migrations of animals and plants, and the preparation of maps of the life zones, \$26,500;

For all necessary expenses for enforcing the provisions of the Act approved March fourth, nineteen hundred and thirteen (Thirty-seventh Statutes at Large, pages eight hundred and forty-seven and eight hundred and forty-eight), relating to the protection of migratory game and insectivorous birds, and for cooperation with local authorities in the protection of migratory birds, and for necessary investigations connected therewith, \$50,000;

For general administrative expenses connected with the above-mentioned lines of work, including cooperation with other Federal bureaus, departments, boards, and commissions, on request from them, \$13,320;

In all, for general expenses, \$411,820.

Total for Bureau of Biological Survey, \$446 290.

DIVISION OF ACCOUNTS AND DISBURSEMENTS.

SALARIES, DIVISION OF ACCOUNTS AND DISBURSEMENTS: One chief of division and disbursing clerk, \$4,000; one supervising auditor, \$2,250; one cashier and chief clerk, \$2,250; one deputy disbursing clerk, \$2,000; one accountant and bookkeeper, \$2,000; two clerks, class four; four clerks, class three; five clerks, class two; five clerks, class one; four clerks, at \$1,000 each; three clerks, at \$900 each; one custodian of records and files, \$1,400; one messenger, \$720; one messenger or messenger boy, \$600.

Total for Division of Accounts and Disbursements, \$44,920.

DIVISION OF PUBLICATIONS.

SALARIES, DIVISION OF PUBLICATIONS: One editor, who shall be chief of division, \$3,250; one editor, who shall be assistant chief of division, \$2,500; one chief clerk, \$2,000; two assistant editors, at \$2,000 each; four assistant editors, at \$1,800 each; one assistant editor, \$1,600; one assistant editor, \$1,400; one assistant editor in charge of indexing, \$2,000; one indexer, \$1,400; one assistant in charge of illustrations, \$2,100; two draftsmen or photographers, at \$1,600 each; two draftsmen or photographers, at \$1,500 each; two draftsmen or photographers, at \$1,400 each; one draftsman or photographer, \$1,300; six draftsmen or photographers, at \$1,200 each; one assistant photographer, \$900; one assistant in charge of document section, \$2,000; one assistant in document section, \$1,800; one foreman, miscellaneous distribution, \$1,500; one forewoman, \$1,400; one clerk, class three; one clerk, class two; nine clerks, class one; sixteen clerks, at \$1,000 each; forty clerks, at \$900 each; eighteen clerks, at \$840 each; two skilled laborers, at \$900 each; eight skilled laborers, at \$840 each; four skilled laborers, at \$780 each; one chief folder, \$1,200; sixteen skilled laborers, at \$720 each; one folder, \$1,000; two folders, at \$900 each; two skilled laborers, at \$1,100 each; one skilled laborer, \$1,000; two messengers, at \$840 each; two messengers, at \$720 each; three messengers or messenger boys, at \$600 each; two messengers or messenger boys, at \$480 each; two messengers or messenger boys, at \$420 each; two messengers or messenger boys, at \$360 each; one laborer, \$840; four charwomen, at \$480 each; three charwomen, at \$240 each; in all, \$174,750.

GENERAL EXPENSES, DIVISION OF PUBLICATIONS: For miscellaneous objects of expenditure in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, as follows:

For labor-saving machinery, including necessary supplies, \$2,000;

For envelopes, stationery, and materials, \$6,000;

For office furniture and fixtures, \$1,000;

For photographic equipment and for photographic materials and artists' tools and supplies, \$6,000;

For telephone and telegraph service and freight and express charges, \$250;

For wagons, bicycles, horses, harness, and maintenance of the same, \$500;

For purchase of manuscripts, traveling expenses, electrotypes, illustrations, and other expenses not otherwise provided for, \$3,000;
 In all, for general expenses, \$18,750.
 Total for Division of Publications, \$193,500.

BUREAU OF CROP ESTIMATES.

SALARIES, BUREAU OF CROP ESTIMATES: One statistician, who shall be chief of bureau, \$4,000; one chief clerk, \$1,800; six clerks, class four; nine clerks, class three; fourteen clerks, class two; one clerk, \$1,300; nineteen clerks, class one; seventeen clerks, at \$1,000 each; twenty-one clerks, at \$900 each; two messengers, at \$840 each; two messengers or laborers, at \$720 each; two messengers, messenger boys, or laborers, at \$660 each; one messenger, messenger boy, or laborer, \$480; one charwoman, messenger, or laborer, \$540; two charwomen, messenger boys, or laborers, at \$360 each; in all, \$116,780.

GENERAL EXPENSES, BUREAU OF CROP ESTIMATES: For all necessary expenses for collecting, compiling, abstracting, analyzing, summarizing, and interpreting data relating to agriculture; for making and publishing periodically crop and live-stock estimates, including acreage, yield, and value of farm products, as follows:

Salaries and employment of labor in the city of Washington and elsewhere, supplies, telegraph and telephone service, freight and express charges, and all other necessary miscellaneous administrative expenses, \$24,700;

Salaries, travel, and other necessary expenses of employees out of the city of Washington engaged in field investigations, \$142,000;

In all, for general expenses, \$166,700.

Total for Bureau of Crop Estimates, \$283,480.

LIBRARY, DEPARTMENT OF AGRICULTURE.

SALARIES, LIBRARY, DEPARTMENT OF AGRICULTURE: One librarian, \$2,000; one clerk, class three; one clerk, class two; five clerks, class one; three clerks, at \$1,080 each; six clerks, at \$1,000 each; five clerks, at \$900 each; one clerk, \$840; one junior library assistant, messenger, or messenger boy, \$720; one junior library assistant or messenger boy, \$660; three junior library assistants, or messenger boys, at \$600 each; one messenger, messenger boy, or laborer, \$480; one charwoman, \$480; in all, \$29,720.

GENERAL EXPENSES, LIBRARY: For books of reference, technical and scientific books, papers and periodicals, and for expenses incurred in completing imperfect series; for the employment of additional assistants in the city of Washington and elsewhere; for official traveling expenses, and for library fixtures, library cards, supplies, and for all other necessary expenses, \$16,300: *Provided*, That hereafter the Secretary of Agriculture may exchange books and periodicals of the library not needed for permanent use for other books and periodicals.

Total for Library, \$46,020.

MISCELLANEOUS EXPENSES.

MISCELLANEOUS EXPENSES, DEPARTMENT OF AGRICULTURE: For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water

and gas pipes, heating apparatus, furniture, carpets, and matting; for lights, freight, express charges, advertising, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings, grounds, and heating apparatus; for the purchase, subsistence, and care of horses and the purchase and repair of harness and vehicles, for official purposes only; for the payment of duties on imported articles, and the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; and for other miscellaneous supplies and expenses not otherwise provided for, and necessary for the practical and efficient work of the department, \$115,000, of which sum \$5,000 shall be immediately available.

RENT IN THE DISTRICT OF COLUMBIA.

RENT OF BUILDINGS, DEPARTMENT OF AGRICULTURE: For rent of buildings and parts of buildings in the District of Columbia, for use of the various bureaus, divisions, and offices of the Department of Agriculture, \$123,689: *Provided*, That the Secretary of Agriculture shall submit annually to Congress in his estimates of appropriations a statement showing what proportion of this appropriation is paid for the quarters occupied by the various branches of the department.

Until otherwise ordered the Maltby Building and all the buildings on the west side of New Jersey Avenue, between B and C Streets northwest, in the city of Washington, District of Columbia, belonging to the Government may be used for governmental purposes by the Agricultural Department.

STATES RELATIONS SERVICE.

SALARIES, STATES RELATIONS SERVICE: One director, \$4,500; one chief clerk, \$2,000; one financial clerk, \$2,000; one clerk or proof reader, \$1,800; one clerk or editorial clerk, \$1,400; three clerks, class four; two clerks, class three; one clerk, \$1,500; six clerks, class two; seventeen clerks, class one; sixteen clerks, at \$1,000 each; eighteen clerks, at \$900 each; seven clerks, at \$840 each; six clerks, at \$720 each; one clerk or photographer, \$720; two messengers, messenger boys, or laborers, at \$600 each; nine messengers, messenger boys, or laborers, at \$480 each; two messengers, messenger boys, or laborers, at \$300 each; one skilled laborer, \$900; three laborers or charwomen, at \$480 each; four laborers or charwomen, at \$240 each; in all, \$103,140.

GENERAL EXPENSES, STATES RELATIONS SERVICE: To carry into effect the provisions of an Act approved March second, eighteen hundred and eighty-seven, entitled "An Act to establish agricultural experiment stations in connection with the colleges established in the several States under the provisions of an Act approved July second, eighteen hundred and sixty-two, and of the Acts supplementary thereto," the sums apportioned to the several States and Territories, to be paid quarterly in advance, \$720,000;

To carry into effect the provisions of an Act approved March sixteenth, nineteen hundred and six, entitled "An Act to provide for an increased annual appropriation for agricultural experiment

stations and regulating the expenditure thereof," the sums apportioned to the several States and Territories, to be paid quarterly in advance, \$720,000: *Provided*, That not to exceed \$15,000 shall be paid to each State and Territory under this Act:

To enable the Secretary of Agriculture to enforce the provisions of the above Acts and the Act approved May eighth, nineteen hundred and fourteen, entitled "An Act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an Act of Congress approved July second, eighteen hundred and sixty-two, and of Acts supplementary thereto, and the United States Department of Agriculture," relative to their administration, including the employment of clerks, assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, electric current, and rent outside of the District of Columbia, \$59,500; and the Secretary of Agriculture shall prescribe the form of the annual financial statement required under the above Acts, ascertain whether the expenditures are in accordance with their provisions, coordinate the work of the Department of Agriculture with that of the State agricultural colleges and experiment stations in the lines authorized in said acts, and make report thereon to Congress: *Provided*, That of this amount \$20,100 may be used for general administrative expenses connected with the lines of work of the States Relations Service, including the offices of the director, the chief clerk, the officers in charge of publications, library, accounts, records, supplies, and property, and for miscellaneous expenses incident thereto;

For farmers' cooperative demonstration work outside of the cotton belt, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$386,080;

For farmers' cooperative demonstrations and for the study and demonstration of the best methods of meeting the ravages of the cotton-boll weevil, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$666,020: *Provided*, That the expense of such service shall be defrayed from this appropriation and such cooperative funds as may be voluntarily contributed by State, county, and municipal agencies, associations of farmers, and individual farmers, universities, colleges, boards of trade, chambers of commerce, other local associations of business men, business organizations, and individuals within the State;

To enable the Secretary of Agriculture to investigate and report upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations, and of improved methods of agricultural practice, including the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, \$20,600;

To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, including the erection of buildings, the preparation, illustration, and distribution of reports and bulletins, and all

other necessary expenses, \$120,000, as follows: Alaska, \$40,000; Hawaii, \$35,000; Porto Rico, \$30,000; and Guam, \$15,000; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam: *Provided*, That of the sum herein appropriated for the experiment station in Hawaii \$5,000 may be used in agricultural extension work in Hawaii;

To enable the Secretary of Agriculture to investigate the relative utility and economy of agricultural products for food, clothing, and other uses in the home, with special suggestions of plans and methods for the more effective utilization of such products for these purposes, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$26,500;

In all, for general expenses, \$2,718,700.

And the Secretary of Agriculture hereafter may furnish to such institutions or individuals as may care to buy them copies of the card index of agricultural literature prepared by the Department of Agriculture in connection with its administration of the Act of March second, eighteen hundred and eighty-seven (Twenty-fourth Statutes at Large, page four hundred and forty), and the Act of March sixteenth, nineteen hundred and six (Thirty-fourth Statutes at Large, page sixty-three), and the Acts amendatory of and supplementary thereto, and charge for the same a price covering the additional expenses involved in the preparation of these copies, the money received from such sales to be deposited in the Treasury of the United States as miscellaneous receipts.

That hereafter there be prepared by the Department of Agriculture an annual report on the work and expenditures of the agricultural experiment stations established under the Act of Congress of March second, eighteen hundred and eighty-seven (Twenty-fourth Statutes at Large, page four hundred and forty), on the work and expenditures of the Department of Agriculture in connection therewith, and on the cooperative agricultural extension work and expenditures of the Department of Agriculture and of agricultural colleges under the Act of May eighth, nineteen hundred and fourteen, entitled "An Act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an Act of Congress approved July second, eighteen hundred and sixty-two, and of Acts supplementary thereto, and the United States Department of Agriculture"; and that there be printed annually eight thousand copies of said report, of which one thousand copies shall be for the use of the Senate, two thousand copies for the use of the House of Representatives, and five thousand copies for the use of the Department of Agriculture.

Total for States Relations Service, \$2,821,840.

OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING.

SALARIES, OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING: One director, who shall be a scientist and have charge of all scientific and technical work, \$4,500; one draftsman, \$1,920; one chief clerk, \$1,900; two clerks, class four; four clerks, class three; one clerk or

editorial clerk, \$1,600; one clerk, \$1,500; one clerk, \$1,440; two clerks or instrument makers, at \$1,440 each; one clerk or tabulator, \$1,440; two clerks, class two; one clerk, \$1,380; two clerks, at \$1,320 each; four clerks, at \$1,260 each; five clerks, class one; one clerk or editorial clerk, \$1,200; one clerk or draftsman, \$1,200; one clerk or draftsman, \$900; one clerk or photographer, \$1,200; one clerk or photographer, \$1,000; two clerks, at \$1,140 each; two clerks, at \$1,080 each; one clerk, \$1,020; seven clerks, at \$1,000 each; three clerks, at \$900 each; one clerk or instrument maker, \$1,200; one messenger or laboratory helper, \$840; two messengers, laborers, or laboratory helpers, at \$720 each; one messenger or laborer, \$660; five messengers, laborers, or messenger boys, at \$600 each; five laborers, messenger boys, or charwomen, at \$480 each; three charwomen, at \$240 each; in all, \$75,960.

GENERAL EXPENSES, OFFICE OF PUBLIC ROADS AND RURAL ENGINEERING: For salaries and the employment of labor in the city of Washington and elsewhere, supplies, office fixtures, apparatus, traveling and all other necessary expenses, for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same, and for preparing, publishing, and distributing bulletins and reports, as follows: *Provided*, That no part of these appropriations shall be expended for the rent or purchase of road-making machinery, except such as may be necessary for field experimental work as hereinafter provided for:

For inquiries in regard to systems of road management throughout the United States and for giving expert advice on this subject, \$42,600;

For investigations of the best methods of road making, especially ordinary sand-clay and dirt roads, and the best kinds of road-making materials, and for furnishing expert advice on road building and maintenance, \$145,000;

For investigations of the chemical and physical character of road materials, \$34,820;

For conducting field experiments and various methods of road construction and maintenance, and investigations concerning various road materials and preparations; for investigating and developing equipment intended for the preparation and application of bituminous and other binders; for the purchase of materials and equipment; for the employment of assistants and labor; for the erection of buildings; such experimental work to be confined as nearly as possible to one point during the fiscal year, \$60,000;

For investigating and reporting upon the utilization of water in farm irrigation, including the best methods to apply in practice; the different kinds of power and appliances, and the development of equipment for farm irrigation; the flow of water in ditches, pipes, and other conduits; the duty, apportionment, and measurement of irrigation water; the customs, regulations, and laws affecting irrigation; for the purchase and installation of equipment for experimental purposes; for the giving of expert advice and assistance; for the preparation and illustration of reports and bulletins on irrigation; for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside of the District of Columbia; and for supplies and all necessary expenses, \$106,400;

For investigating and reporting upon farm drainage and upon the drainage of swamp and other wet lands which may be made available for agricultural purposes; for preparing plans for the removal of surplus water by drainage, and for giving expert assistance by advice or otherwise in the drainage of such lands; for conducting field experiments and investigations concerning the construction and maintenance of farm drainage work; for investigating and developing equipment intended for the construction and maintenance of farm drainage structures; for the purchase of materials and equipment; and for preparing and illustrating reports and bulletins on drainage; and for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside the District of Columbia, and for supplies and all necessary expenses, \$96,280;

For investigating farm domestic water supply and drainage disposal, the construction of farm buildings, and other rural engineering problems involving mechanical principles, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$12,805;

For general administrative expenses connected with the above-mentioned lines of investigations and experiments, 12,600;

In all, for general expenses, \$510,505.

Total for Office of Public Roads and Rural Engineering, \$586,465.

OFFICE OF MARKETS AND RURAL ORGANIZATION.

SALARIES, OFFICE OF MARKETS AND RURAL ORGANIZATION: One chief clerk, \$2,000; four clerks, class four; five clerks, class three; nine clerks, class two; ten clerks, class one; five clerks, at \$1,000 each; one laboratory aid, \$900; two clerks, at \$900 each; one laboratory aid, \$720; two laboratory aids, at \$600 each; one map tracer, \$720; one map tracer, \$600; two messenger boys, at \$600 each; one laborer, \$540; four messenger boys, at \$480 each; in all, \$56,400.

GENERAL EXPENSES, OFFICE OF MARKETS AND RURAL ORGANIZATION: For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in conducting investigations, experiments, and demonstrations, as follows:

For acquiring and diffusing among the people of the United States useful information on subjects connected with the marketing and distributing of farm and nonmanufactured food products and the purchasing of farm supplies, independently and in cooperation with other branches of the department, State agencies, purchasing and consuming organizations, and persons engaged in the transportation, marketing, and distributing of farm and food products, \$238,000;

For the investigation and demonstration of standards for the different grades, qualities, and conditions of cotton, and for investigating the ginning, grading, stapling, baling, marking, compressing, and tare of cotton, \$55,480: *Provided*, That of the sum thus appropriated \$30,000 may be used for testing the waste, tensile strength and bleaching qualities of the different grades and classes of cotton in order to determine their spinning value and for demonstrating the results of such tests;

To enable the Secretary of Agriculture to make studies of cooperation among farmers in the United States in matters of rural credits and of other forms of cooperation in rural communities; to diffuse among the people of the United States useful information growing out of these studies, in order to provide a basis for a broader utilization of results secured by the research, experimental, and demonstration work of the Department of Agriculture, agricultural colleges, and State experiment stations, \$35,920;

For general administrative expenses in connection with the lines of investigation, experiment, and demonstration conducted in the Office of Markets and Rural Organization, \$23,250;

In all, for general expenses, \$352,650.

ENFORCEMENT OF THE UNITED STATES COTTON-FUTURES ACT: To enable the Secretary of Agriculture to carry into effect the provisions of the Act approved August eighteenth, nineteen hundred and fourteen (Public, Numbered One hundred and seventy-four, Sixty-third Congress), entitled "An Act to tax the privilege of dealing on exchanges, boards of trade, and similar places in contracts of sale of cotton for future delivery, and for other purposes," including all expenses necessary for the purchase of equipment and supplies; for travel; for the employment of persons in the city of Washington and elsewhere; and for all other expenses, including rent outside of the District of Columbia, that may be necessary in executing the provisions of this Act, \$75,000.

Total for Office of Markets and Rural Organization, \$484,050.

And not to exceed ten per centum of the foregoing amounts for the miscellaneous expenses of the work of any bureau, division, or office herein provided for shall be available interchangeably for expenditures on the objects included within the general expenses of such bureau, division, or office, but no more than ten per centum shall be added to any one item of appropriation except in cases of extraordinary emergency, and then only upon the written order of the Secretary of Agriculture.

Total, Department of Agriculture, for routine and ordinary work, \$19,936,382.

MISCELLANEOUS.

ENFORCEMENT OF THE INSECTICIDE ACT: To enable the Secretary of Agriculture to carry into effect the provisions of the Act of April twenty-sixth, nineteen hundred and ten, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, and other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals, and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, \$100,000.

ENFORCEMENT OF THE PLANT-QUARANTINE ACT: To enable the Secretary of Agriculture to carry into effect the provisions of the Act of August twentieth, nineteen hundred and twelve, as amended March fourth, nineteen hundred and thirteen, entitled "An Act to regulate the importation of nursery stock and other plants and plant

products; to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests; to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes," in the city of Washington and elsewhere, including official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, including rent outside of the District of Columbia, \$50,000.

That hereafter when any State shall provide for terminal inspection of plants and plant products, and shall establish and maintain, at the sole expense of the State, such inspection at one or more places therein, the proper officials of said State may submit to the Secretary of Agriculture a list of plants and plant products and the plant pests transmitted thereby, that in the opinion of said officials should be subject to terminal inspection in order to prevent the introduction or dissemination in said State of pests injurious to agriculture. Upon his approval of said list, in whole or in part, the Secretary of Agriculture shall transmit the same to the Postmaster General, and thereafter all packages containing any plants or plant products named in said approved lists shall, upon payment of postage therefor, be forwarded by the postmaster at the destination of said package to the proper State official at the nearest place where inspection is maintained. If the plant or plant products are found upon inspection to be free from injurious pests, or if infected shall be disinfected by said official, they shall upon payment of postage therefor be returned to the postmaster at the place of inspection to be forwarded to the person to whom they are addressed; but if found to be infected with injurious pests and incapable of satisfactory disinfection the State inspector shall so notify the postmaster at the place of inspection, who shall promptly notify the sender of said plants or plant products that they will be returned to him upon his request and at his expense, or in default of such request that they will be turned over to the State authorities for destruction.

On and after the passage and approval of this Act it shall be unlawful for any person, firm, or corporation to deposit in the United States mails any package containing any plant or plant product addressed to any place within a State maintaining inspection thereof, as herein defined, without plainly marking the package so that its contents may be readily ascertained by an inspection of the outside thereof. Whoever shall fail to so mark said packages shall be punished by a fine of not more than \$100.

The Postmaster General is hereby authorized and directed to make all needful rules and regulations for carrying out the purposes hereof.

To enable the Secretary of Agriculture to carry out an agreement heretofore made by and between him and the State of Washington, through its proper officers, looking to the exchange of lands and indemnity rights with said State, \$50,000, or so much thereof as may be necessary, to be available until expended when the said State shall have made available a like amount to be used for carrying out the aforesaid agreement: *Provided*, That such exchanges shall be made on the basis of approximately equal area and value.

DOMESTIC POTATO QUARANTINE: To enable the Secretary of Agriculture to cooperate with those States in the inspection of Irish pota-

toes where a quarantine has been or hereafter shall be established by the Secretary of Agriculture, prohibiting the movement of such potatoes from any State into any other State, District, or Territory of the United States except under such rules and regulations as he may prescribe, and for the enforcement of such rules and regulations, and for the employment of persons and means necessary in the city of Washington and elsewhere, including rent outside of the District of Columbia, \$100,000, \$25,000 of said sum to be immediately available.

DEMONSTRATIONS ON RECLAMATION PROJECTS: To enable the Secretary of Agriculture to encourage and aid in the agricultural development of the Government reclamation projects; to assist, through demonstrations, advice, and in other ways, settlers on the projects; and for the employment of persons and means necessary in the city of Washington and elsewhere, \$40,000.

INTERNATIONAL DRY FARMING CONGRESS, DENVER, COLORADO: To enable the Secretary of Agriculture to cooperate with and make an exhibit at the next annual meeting of the International Dry Farming Congress, to be held at Denver, Colorado, during the fiscal year ending June thirtieth, nineteen hundred and sixteen, illustrative of the investigations, products, and processes relating to farming in the subhumid, arid, and semiarid regions of the United States, including labor and all expenses in the city of Washington and elsewhere, \$20,000.

That the President is hereby authorized to extend invitations to other nations to appoint delegates or representatives to the International Dry-Farming Congress, to be held at Denver, Colorado, September twenty-seventh to October eighth, inclusive, nineteen hundred and fifteen: *Provided*, That no appropriation shall be granted or used for the expenses of delegates.

COOPERATIVE FIRE PROTECTION OF FORESTED WATERSHEDS OF NAVIGABLE STREAMS: For cooperation with any State or group of States in the protection from fire of the forested watersheds of navigable streams under the provisions of section two of the Act of March first, nineteen hundred and eleven, entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," \$100,000.

Experiments and demonstrations in live-stock production in the cane-sugar and cotton districts of the United States: To enable the Secretary of Agriculture, in cooperation with the authorities of the States concerned, or with individuals, to make such investigations and demonstrations as may be necessary in connection with the development of live-stock production in the cane-sugar and cotton districts of the United States, including the erection of barns and other necessary buildings, and the employment of persons and means in the city of Washington and elsewhere, \$60,000; and of the funds heretofore appropriated for the development of live-stock production in the cane-sugar and cotton districts of the United States during the fiscal year nineteen hundred and fifteen, not to exceed \$7,500 is hereby made available for the erection of barns and other necessary buildings.

Hereafter the Secretary of Agriculture is authorized to sell in the open market or to exchange for other live stock such animals or animal products as cease to be needed in the work of the department, and all moneys received from the sale of such animals or animal products or as a bonus in the exchange of the same shall be deposited in the Treasury of the United States as miscellaneous receipts.

NAVAL STORES INVESTIGATIONS: For investigating the grading, weighing, and handling of naval stores, and preparation of definite type samples thereof, including the employment of necessary persons and means in the city of Washington and elsewhere, \$5,000.

That not to exceed \$55,000 of the lump-sum appropriations herein made for the Department of Agriculture shall be available for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles and motor boats necessary in the conduct of the field work of the Department of Agriculture outside the District of Columbia: *Provided*, That not to exceed \$5,000 of this amount shall be expended for the purchase of such vehicles and boats, and that such vehicles and boats shall be used only for official service outside the District of Columbia, but this shall not prevent the continued use for official service of motor trucks in the District of Columbia: *Provided further*, That the Secretary of Agriculture shall, on the first day of each regular session of Congress, make a report to Congress showing the amount expended under the provisions of this paragraph during the preceding fiscal year.

In case of an emergency arising out of the existence of foot-and-mouth disease, rinderpest, contagious pleuropneumonia, or other contagious or infectious disease of animals, which in the opinion of the Secretary of Agriculture threatens the live-stock industry of the country, he may expend in the city of Washington or elsewhere, out of any money in the Treasury not otherwise appropriated, the sum of \$2,500,000, which sum is hereby appropriated, or so much thereof as he determines to be necessary, in the arrest and eradication of any such disease, including the payment of claims growing out of past and future purchases and destruction, in cooperation with the States, of animals affected by or exposed to, or of materials contaminated by or exposed to, any such disease, wherever found and irrespective of ownership, under like or substantially similar circumstances, when such owner has complied with all quarantine regulations, and said sum shall be immediately available for the purposes specified: *Provided*, That the Secretary of Agriculture is authorized to pay not more than one-half of the expenses incurred by the owners of a certain herd of show cattle now in quarantine at Hawthorne Park, near Chicago, Illinois, such expenses being incident to and on account of the quarantine of such cattle by the Government, but the total expense shall not exceed one-half the beef or dairy value of such cattle.

The unexpended balance on June thirtieth, nineteen hundred and fourteen, remaining to the credit of the appropriation authorized in the Agricultural appropriation Act approved March fourth, nineteen hundred and thirteen, for the expenses of a commission to investigate and report to Congress on European cooperative land-mortgage banks and rural-credit unions, is hereby appropriated and

made available for the fiscal years nineteen hundred and fifteen and nineteen hundred and sixteen, including expenses incurred since the end of the fiscal year nineteen hundred and fourteen, for the purposes set forth in said Act, to be paid out on the audit and order of the chairman of said commission; and such audit and order shall be conclusive and binding upon all departments as to the correctness of the accounts of such commission under this appropriation and under the appropriation made for the fiscal year nineteen hundred and fourteen.

The north half of the south half of section nineteen, township two north, range eleven west, Indian meridian, Oklahoma, formerly a part of the Kiowa, Comanche, and Apache Indian Reservation, is hereby set aside for use of the Department of Agriculture for a dry farming or subhumid station; and the sum of \$200 is hereby appropriated to pay the Indians therefor, which sum shall be placed on deposit in the Treasury of the United States to the credit of the fund "Interest on Apache, Kiowa, and Comanche four per cent fund (benefits)."

That there is hereby constituted a joint committee of the Senate and House of Representatives, to consist of the chairman of the Senate Committee on Agriculture and Forestry, the chairman of the House Committee on Agriculture, and the chairmen of the Committees on Banking and Currency of the two Houses, and two other members of each of said committees, to be designated by the chairmen of the respective committees, and it shall be the duty of said joint committee to prepare, after such investigations as may be deemed necessary, and report to the Congress on or before January first, nineteen hundred and sixteen, a bill or bills providing for the establishment of a system of rural credits adapted to American needs and conditions. The sum of \$10,000 is hereby appropriated, the same to be immediately available, out of any funds in the Treasury not otherwise appropriated, to defray all necessary expenses of said joint committee, payment of said expenses to be made upon vouchers approved by the chairman of said joint committee, who shall be selected by the committee.

Total carried by this bill for the Department of Agriculture, \$22,971,582.

Approved, March 4, 1915.



